

FOLDI, M.; SZABO, G.; ZSOLDOS, I.

Effect of electroshock on kidney function. Orv. hetil. 94 no. 3:
68-71 18 Jan 1953. (CIML 24:1)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznak), Budapest Medical University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.

Fluid storage and resorption in lymphatic physiology. Orv. hetil. 94 no.15:
410-414 12 Apr 1953. (CIML 24:4)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznyak), Budapest Medical University.

FOLDI, M.; RUSZNYAK, I.; SZABO, G.

On nervous regulation of the lymphatic circulation; the effect of diebna-mine on the lymphatic circulation. Orv. hetil. 94 no. 27:739-741 5 July 1953. (CIML 25:1)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan Rusznyak), Budapest Medical University.

SZABO, G.; ZSOLDOS, I.; REV, J.

Renal function in the acute diseases of the liver parenchyma. Orv.
hetil. 94 no.48: 1323-1328 29 Nov 1953. (CIML 25:5)

1. Doctors. 2. First Internal Clinic (Director -- Prof. Dr. Istvan
Rusznyak), Budapest Medical University.

FOLDI, M.; RISZNYAK, I.; ROMHANYI, G.; SZABO, G.; SOLTI, F.

Insufficiency of the lymphatic flow in the heart. Acta med. hung.
6 no.1-2:61-75 1954.

1. I. Innere Klinik der Medizinischen Universitat, Budapest und
Pathologisch-Anatomisches Institut der Medizinischen Universitat,
Pecs.

(LYMPHATIC VESSELS, physiol.
eff. of ligation of cardiac lymph vessels on ECG &
histol. in dogs)

(ELECTROCARDIOGRAPHY,
eff. of ligation of cardiac lymphatic vessels in dogs)

(HEART, pathol.
eff. of ligation of cardiac lymphatic vessels in dogs)

SZABO, Gyorgy; MAGYAR, Zsuzsanna

Measurement of glomerular filtration with the aid of dextran.
Kiserletes orvostud. 6 no.3:197-201 May 54.

1. Budapesti Orvostudomanyi Egyetem I. sz. Belgyogyaszati
Klinikaja.

(KIDNEY FUNCTION TESTS,
dextran, measurement of glomerular filtration)
(DEXTRAN,
measurement of glomerular filtration)

FOLDI, M.; RUSZNYAK, I.; SZABO, Gy.; MAGYAR, Zs.

Studies on the function of lymph capillaries; the spread of the fluid and macromolecules in interstitium. Acta med. hung. 6 no.3-4: 229-254 1954.

1. I. Innere Klinik der Medizinischen Universitat, Budapest.
(LYMPHATIC VESSELS
capillaries, funct. in spread of fluid & macromolecules
in interstitium)
(HYALURONIDASE, eff.
spreading, determ.)

FOLDI, M.; RONA, Gy.; RUSZNYAK, I.; SZABO, Gy.

Lymphatic system and renal interstitium in intercapillary
glomerulosclerosis. Acta med. hung. 6 no.3-4:525-532 1954.

I. I. Medizinische Klinik und Institut fur Pathologische
Anatomie der Medizinischen Univeraitat, Budapest.

(NEPHROSCLEROSIS

Kimmelsteil-Wilson synd., lymphatic vessels & renal
interstitium in)

(DIABETES MELLITUS, compl.

Kimmelsteil-Wilson synd., lymphatic vessels & renal
interstitium in)

(KIDNEYS, pathol.

interstitium in Kimmelsteil-Wilson synd.)

(LYMPHATIC VESSELS

renal, in Kimmelsteil-Wilson synd.)

Szabo, Gyorgy

BABICS, Antal, dr., FOLDI, Haly, M., dr. RENYI-VAMOS, Ferenc, dr.; ROMHANYI,
Gyorgy, dr. RUSZNYAK, Istvan, dr. SZABO, Gyorgy, dr.

Disse's spaces and the lymphatic system of the liver. Magy. belorv.
arch. 7 no.1:7-10 Feb 54.

1. A Budapesti Orvostudomanyi Egyetem I. sz Belklinikajának (Igazgató:
Rusznyak Istvan dr. egyetemi tanár), Urológiai Klinikajának (Igazgató:
Babics Antal dr. egyetemi tanár) és a Pécsi Orvostudományi Egyetem
Korbonctani Intézeténél (Igazgató: Romhányi György dr. egyetemi tanár)
közleménye.

(LIVER, anat. & histol.
Disse's spaces & lymphatic system)
(LYMPHATIC SYSTEM
liver)

SZABO, Gyorgy

BABICS, Antal, dr.; FOLDI, Mihaly, dr.; RENYI-VAMOS, Ferenc, dr; ROMHANYI, Gyorgy, dr.; RUSZNYAK, Istvan, dr. SZABO, Gyorgy, dr.

The significance of the lymphatic system of the liver in choledochal stenosis and cholangitis. Magy belorv. arch. 7 no.3:86-91 June 54.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajának (igazgató: dr. Rusznyák István egyetemi tanár) Urológiai Klinikájának (igazgató: dr. Babics Antal egyetemi tanár) es. a Pécsi Orvostudományi Egyetem Korbonctani Intézetének (igazgató: dr. Romhányi György egyetemi tanár) közleménye.

(BILE DUCT, COMMON, stenosis,
liver lymphatic system in)

(CHOLANGITIS, physiology,
liver lymphatic system)

(LIVER,
lymphatic system in cholangitis & choledochal stenosis)

(LYMPHATIC SYSTEM,
liver, in cholangitis & choledochal stenosis)

SZABO, Gyorgy

GOMORI, Pal; SZABO, Gyorgy; KOVACS, Arisztid; NAGY, Zoltan; TAKACS, Lajos;
WILTHNER, Willibald

The role of hypoxia and hypercapnia in the neuroregulation of the
renal circulation and diuresis. Magy Belorv. arch. 7 no.5:129-145
Oct. 54.

1. A Budapesti Orvostudomanyi Egyetem III. sz. Belklinikajának
(igazgató: Gomori Pal egyetemi tanár) I. sz. Belklinikajának
(igazgató: Rusznák István egyetemi tanár) és Klettani Intézetének
(Igazgató: Balint Péter egyetemi tanár) közléménye.

(CARBON DIOXIDE, in blood
hypercapnia, eff. on renal circ. & diuresis in dogs)

(ANOXIA, exper.
eff. on renal circ. & diuresis in dogs)

(KIDNEYS, blood supply
circ., eff. of exper. anoxia & hypercapnia in dog)

(DIURESIS
eff. of exper. anoxia & hypercapnia in dogs)

FOLDI, Mihaly, orvostudomanyok doktora; JELLINEK, Harry; SZABO, Gyorgy,
orvostudomanyok kandidatusa.

Studies on the lymphatic system of the thyroid. Magy. Tudom. Akad.
Biol. Orv. Oszt. Kozl. 6 no.1:13-21 1955.

1. A Magyar Tudomanyos Akademia Kiserletes Orvostudomanyi
Kutatóintézete Korelettani Osztálya, a Budapesti Orvostudományi
Egyetem I. sz. Belklinikaja és II. sz. Korbonctani Intézete.

(THYROID GLAND, anatomy and histology,
lymphatic system.)

(LYMPHATIC SYSTEM, anatomy and histology,
thyroid lymphatic system.)

FOLDI, Mihaly, orvostudomanyok doktora; KEPES, Janos; ROBICSEK, Ferenc,
aspirans; RUSZNYAK, Istvan, r. tag.; SZABO, Gyorgy, orvostudomanyok
kandidatusa.

Pathogenesis of pulmonary edema. II. Pulmonary edema in dogs with
vitium cordis and in vagotomized dogs with ligated lymphatic
vessels. Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 6 no.1:29-36
1955.

1. A Magyar Tudomanyos Akademia Kiserletes Orvostudomanyi Kutato
Intezete, a Budapesti Orvostudomanyi Egyetem I. sz. Belgyogyaszati
Klinikaja, Sebesztovabbkepzo Klinikaja es az Orszagos Idegsebészeti
Tudomanyos Intezet.

(EDEMA, experimental,

lungs, prod. in dogs.)

(LUNGS, diseases,

exper. edema in dogs.)

FOLDI, Mihaly, orvostudomahyok doktora; KEPES, Janos; ROBICSEK, Ferenc,
aspirans; SZABO, Gyorgy, orvostudomanyok kandidatusa.

Hemodynamic experiments in pulmonary edema produced by ligation
of the lymphatic vessels in dogs with vitium cordis. Magy. Tudom.
Akad. Biol. Orv. Oszt. Kozl. 6 no.1:121-122 1955.

1. A Magyar Tudomanyos Akademia Kiserletes Orvostudomanyi Kutato
Intezete, a Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaja,
Sebesztovabbkepzo Klinikaja es az Orszagos Idegsebeszeti Tudomanyos
Intezet.

(EDEMA, experimental,
lungs, hemodynamic aspects in edema prod. by lymphatic
ligation.)

(LUNGS, diseases,
exper. edema, hemodynamic aspects in edema prod. by
lymphatic ligation.)

FOLDI, N.; JELLINEK, H.; SZABO, Gy.

Investigations on the lymphatic system of the thyroid glands.
Acta med.hung. 7 no.1-2:161-172 1955.

1. Pathophysiologische Abteilung des Forschungsinstitutes fur
Experimentelle Medizin der Ungarischen Akademie der Wissen-
schaften, I. Klinik fur Innere Medizin und II. Institut fur
Pathologische Anatomie der Medizinischen Universitat, Budapest.

(THYROID GLAND, anatomy and histology,

lymphatic system)

(LYMPHATIC SYSTEM,

thyroid gland)

FOLDI, M; JELLINEK, H; RUSZNYAK, I; SZARC, Gy.

Storage of proteins in endothelial cells of the lymphatic capillaries. Acta med.hung. 7 no.1-2:211-214 1955.

(PROTEINS, metabolism,
endothelial cells of lymphatic capillaries, storage)
(LYMPHATIC VESSELS,
capillaries, storage of proteins by endothelial cells
in)

BABICS, A., von.; FOLDI, M.,; RENYI-VAMOS, F.,; ROMHANYI, Gy.,; RUSZNYAK, I.,;
Szabo, Gy.

Lymphatic system of the liver and its pathological significance.
Acta med. hung. 7 no.3-4:261-278 1955.

I. I. Klinik fur innere Medizin und Urologische Klinik der
Medizinischen Universitat, Budapest, und Pathologisch-
Anatomisches Institut der Medizinischen Universitat, Pecs.

(LIVER,
lymphatic system, eff. of ligation of bile ducts)

(LYMPHATIC SYSTEM,
liver, eff. of ligation of bile ducts)

(BILE DUCTS, physiology
eff. of ligation on liver lymphatic system)

FOLDI, M.,; KEPES, J.,; RUSZNYAK, I.,; SZABO, Gy.

Significance of lymph circulation in the lungs in circulation of fluids in the lungs. Acta med. hung. 7 no.3-4:345-369 1955.

1. Forschungsinstitut fur Experimentelle Medizin der Ungarischen Akademie der Wissenschaften, I. Medizinische Universitatsklinik, Klinik fur Chirurgische Fortbildung und Staatliches Forschungsinstitut fur Nervenchirurgie, Budapest.

(LUNGS, diseases,
exper. edema caused by ligation of lymph vessels)

(EDEMA, experimental,
lungs, caused by ligation of lymph vessels)

(LYMPH-VESSELS, physiology,
eff. of ligation, exper. edema in lungs)

SZABO, Gyorgy, dr.

Physiologic and pathologic importance of the lymphatic system.
Magy. belorv. arch. 8 no.3:65-76 June 55.

1. A Budapesti Orvostudomanyi Egyetem I. sz Belgyogyaszati
Klinikajának (igazgató: Rusznyák, István, dr. egyet. tanár)
közleménye.

(LYMPHATIC SYSTEM,
physiol. & pathol. importance (Hun))

SZABO, Gy.; MAGYAR, Zs. .

Capillary permeability in ischemic shock. Acta med. hung. 8 no.3-4:
287-308 1955.

1. I. medizinische Klinik der Medizinischen Universität, Budapest.
(SHOCK, experimental,
capillary permeability in ischemic shock)
(CAPILLARY PERMEABILITY, in various diseases,
exper. ischemic shock)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001654330002-7

52A730, Gy

Rosznyák, I., Földi, M., and Szabó, Gy.: Physiologie
und Pathologie des Lymphkreislaufs. Budapest: Akad.
Kiadó 1958 950 pp 150 Ft.

Mel

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APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001654330002-7"

SZABO, Gyorgy, dr.; REV, Judit, dr.; SOLTI, Ferenc, dr.

Effect of humoral factors on changes in salt excretion and diuresis induced by changes in volume of eventually circulating blood. Magy. belorv. arch. 9 no.3:92-96 June 56.

1. A Budapesti Orvostud. Egyetem I. sz. Belklinik. (igaz.: Rusznyak, Istvan, dr. akademikus, egyetemi tanar) kozl.

(BLOOD VOLUME

exper. decrease in circ. blood volume inducing changes in diuresis & salt excretion in congestive heart failure, diabetes insipidus & in normal humans, role of humoral factors (Hun))

(DIURESIS, physiol.

eff. of exper. decrease of circ. blood volume on salt excretion & diuresis in congestive heart failure, diabetes insipidus & in normal humans, role of humoral factors (Hun))

(CONGESTIVE HEART FAILURE, physiol.

diuresis & salt excretion, role of humoral factors in changes induced by exper. decrease of circ. blood volume in humans (Hun))

(DIABETES INSIPIDUS, physiol.

same)

SZABO, Gyorgy, dr.; FOLDI, Mihaly, dr.; SOLTI, Ferenc, dr.; REV, Judit, dr.;
MARTON, Istvan, dr.; TORMYOS, Karoly, dr.

Effects of changes in the effectively circulating blood volume on
renal salt excretion and diuresis in normal state and in decompensated
heart diseases. Magy. belorv. arch. 9 no.4:97-104 Aug 56.

1. A Budapesti Orvostudomanyi Egyetem I. Sz. Belklinikajának
(igazgató: Rusznyák, István, dr. akadémikus) közleménye.
(CONGESTIVE HEART FAILURE, compl.

edema, eff. of changes in circulating blood volume on
renal salt excretion & diuresis (Hun))

SZABO, Gy.; FOLDI, M.; SOLTI, F.; REV, J.; MARTON, I.; TORMYOS, K.

Effect of changes in effective circulating blood volume on renal salt excretion and diuresis in normal humans and in cardiac decompensation. Acta med. hung. 10 no.1-2:1-14 1956.

1. Medizinische Universitätsklinik, Budapest.

(BLOOD VOLUME

eff. of changes in effective circulating blood volume
on diuresis in normal humans & in congestive heart
failure (Ger))

(DIURESIS, physiol.

eff. of changes in effective circulating blood volume
in normal humans & in congestive heart failure (Ger))

(CONGESTIVE HEART FAILURE, physiol.

eff. of changes in effective circulating blood volume
on diuresis (Ger))

SZABOGY.

✓ Role of humoral factors in the decline of water and salt excretion through change of the effective circulating blood volume Gy Szabogyi et al. 1981
Biol Rev 56: 375-386

excretion. The antidiuretic hormone and aldosterone parallelled the change in renal hemodynamics in the rat with diabetes insipidus.
Lipid metabolism was also altered in the diabetic rats.

3

FOLDI, M.; RVE, J.; SOLTI, F.; SZABO, Gy.; ZSOLDOS, I.; KOLTAY, E.

Effect of dibenamine on antidiuresis and antisaluresis following
the decreasing of effective circulating blood volume. Acta med.
hung. 10 no.1-2:35-42 1956.

1. I. Medizinische Universitätsklinik, Budapest.

(BLOOD VOLUME

eff. of decrease of effective circulating blood volume
on diuresis, antag. of inhib. by dibenamine (Ger))

(DIURESIS, physiol.

eff. of decrease of effective circulating blood volume
& antag. of inhib. by dibenamine)

(SYMPATHOLYTICS, eff.

antag. of inhib. of diuresis by decrease of effective
circulating blood volume (Ger))

Szabo, G.

Action of histamine on capillary permeability. Gy.
Szabo and Zs. Magyar Univ. Clinic and Hung Acad Sci,
Budapest. Acta Med. Acad. Ser. Hung. 10: 55-66, 1956
Abstract. In experiments involving the use of histamine and atropine, it was found that the effect of histamine on the capillary permeability of the skin was not due to a direct action on the capillary arterioles, but rather to an indirect action via the liver, intestine, and brain. It is believed that the liver, intestine, and brain are involved. Not only do the liver, intestine, and brain receive blood from the capillary arterioles

but they also contain a large number of capillaries. It is suggested that the increase in permeability of the capillaries of histamine shock, and the pre-capillary symptoms of histamine shock, and the pre-capillary symptoms were attributed to the changes in tone of the pre-capillary arterioles may influence the response to symptoms of traumatic shock as well as of histamine intoxication.

H. L. Williams

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SZABO, GY.
BRAUN, P.; FOLDI, M.; KISFALUDY, S.; SZABO, GY.

Free amino acid content of the lymphs. Acta med. hung. 10 no.1-2:
67-73 1956.

1. I. medizinische Universitätsklinik und pathophysiologische
Abteilung des Forschungs-Instituts für experimentelle Medizin
der ungarischen Akademie der Wissenschaften, Budapest.

(LYMPH

free amino acid content in dogs (Ger))

(AMINO ACIDS, determ.

in lymph, free amino acid content in dogs (Ger))

SZABO, Gyorgy, dr.

New clinical-laboratory testing methods. Orv. hetil. 97 no.33:
912-918 12 Aug 56.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajának
(igazgató: Rusznyák, István, dr. egyet. tanár) közleménye.

(DIAGNOSIS

clin. & laboratory tests, new methods (Hun))

SZABÓ, G.

✓ 360. Free amino acid content of the lymph. P. Braun, M. Földi,
S. Kinszky, and G. Szabó *Nature, Lond.*, 1956, **177**, 1133-1134
(1st Dept. of Med., Univ. of Budapest, Koranyi Síndor u/2/a,
Budapest, VIII, Hungary).

4

SZABO, Gyorgy; MAGYAR, Zsuzsa

Effects of dibenamine on the tonus of the thoracic duct. Magy. Tudom.
Akad. Biol. Orv. Oszt. Kozl. 8 no.3:281-286 1957.

1. Az MTA Kiserletes Orvostudomanyi Kutato Intezete Korelettani
Osztalya.

(SYMPATHOLYTICS, eff.

dibenamine, decreasing tonus of thoracic duct in
dogs (Hun))

(THORACIC DUCT, eff. of drugs on

dibenamine, decrease of tonus in dogs (Hun))

FOLDI, Mihaly, az orvostud. doktora, Prisznyak Istvan akademikus; SZABO, Gyorgy
az orvostudomanyok doktora; SZINAY, Gyula

Perilymphatic edema, Magy. Tudom. Akad. Biol. Orv. Oszt. Kozl. 8 no.4:
371-383 1957.

1. Az MTA Kiserleti Orvostudomanyi Kutato Intezet Korelettani Osztalya,
a Budapesti Orvostudomanyi Egyetem I. sz. Belklinika es a Koltoi
Klinikak Prosecturaja.

(EDEMA

perilymphatic edema, pathogen. & histopathol. (Hun))

(LYMPHATIC VESSELS

same)

SZABO.; Gy.; SOLTI, F.; REY, J.; MARTON, I.

Effects of decrease in the effectively circulating blood volume on the renal function in Addison's disease. Magy. belorv. arch. 10 no.1:30-32 Feb '57.

1. A Budapesti Orvostudomanyi Egyesem-I. sz. Belklinikajának
(Igazgató: Rusznyák István dr. egyetemi tanár) közleménye.

(ADDISON'S DISEASE, physiol.

eff. of decrease in effectively circulating blood
volume on renal funct. (Hun))

(KIDNEYS, in various dis.

Addison's dis., eff. of decrease in effectively cir-
culating blood volume on funct. (Hun))

SZABO, Gyorgy

SZABO, Gyorgy ; SOLTI, Ferenc ; REV, Judit ; MEGYESI, Klara

Effect of chlorpromazine (largactil) on kidney function in edematous
cardiac patients. Magy. belorv. arch. 10 no.2-3:46-51 Apr-June 57.

(CONGESTIVE HEART FAILURE, ther.

chlorpromazine, eff. on kidney funct. (Hun))

(CHLORPROMAZINE, ther. use

congestive heart failure, eff. on kidney funct. (Hun))

V-2

HUNGARY/Pharmacology and Toxicology - Tranquillizers.

Abs Jour : Rec Zhur - Biol., No 14, 1953, 66220
Author : Szabo, Gy., Solti, F., Rev, J., Megyesi, K.
Inst : Hungarian AS
Title : Effects of Chlorpromazine on the Renal Function in
Edematous Cardiac Patients.
Orig Pub : Acta med. Acad. sci. hung., 1957, 10, No 3, 315-326.
Abstract : Chlorpromazine (I) was used in the treatment of 12 cardiac patients with edemas. Under the influence of (I), there was a sharp increase (3-4 times, on the average) in Na and water excretion. Glomerular filtration and renal blood flow increased to a lesser extent and sometimes altered in the opposite direction. The authors believe that the diuretic effect of (I) is associated with a decrease of the humoral antidiuretic substance in the patients' blood,

Card 1/2

- 8 -

SZABO, Gy.; SOLTI, F.; REV, J.; MARTON, I.

Effect of reduction of effective circulating blood volume on renal function in Addison's disease. Acta med. hung. 10 no.4:343-347 1957.

1. 1st Department of Medicine, University, Budapest.

(ADDISON'S DISEASE, physiol.

eff. of reduction of effective circulating blood volume
on renal funct.)

(BLOOD VOLUME

eff. of reduction of effective circulating blood volume
on renal funct. in Addison's dis.)

(KIDNEYS, in various dis.

Addison's dis., eff. of reduction of effective circulating
blood volume on funct.)

SZABÓ, Gy.; MAGYAR, Zs.

The effect of dibenamine on the tone of the thoracic duct. Acta med.
hung. 11 no.1:123-128 1957.

1. Department of Pathophysiology, Institute of Experimental Medicine
Hungarian Academy of Sciences, Budapest.

(SYMPATHOLYTICS, eff.

dibenamine diminution of thoracic duct tone in dogs.)
(THORACIC DUCT, eff. of drugs on
dibenamine diminution of tone in dogs.)

SZABO, Gy., dr.; ZSOLDOS, I., dr.; PALINKAS, J., dr.

Effect of chlorpromazine (largactil) on renal function in hypertension. Orv. hetil. 98 no.5-6:93-95 10 Feb 57.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajának (Igazgató: Rusznák, István, dr. egyetemi tanár) közleménye.
(HYPERTENSION, ther.)

chlorpromazine, eff. on renal funct. (Hun))

(CHLORPROMAZINE, ther. use

hypertension, eff. on renal funct. (Hun))

(KIDNEYS, in various dis.

hypertension, eff. of chlorpromazine on funct. (Hun))

SZABO, Gyorgy (az orvostudomanyok doktora); SOLTI, Ferenc; MAGYAR, Zsuzsa

Effect of chlorpromazine on coronary circulation. Magy. Tudom. Akad.
Orv. Oszt. Kozl. 9 no.1:67-73 1958.

1. A MTA Kiserletes Orvostudomanyi Kutato Intezete Korelettani Osztalya.
(CHLORPROMAZINE, eff. ..
on coronary blood flow in dogs (Hun))
(CORONARY VESSELS, eff. of drugs on
chlorpromazine on coronary blood flow in dogs (Hun))

SZABO, Gyorgy (az orvostudomanyok diktora); MAGYAR, Zsuzsa

Effects of chlorpromazine on hepatic blood flow and splanchnic oxygen consumption. Magy. Tudom. Akad. Orv. Oszt. Kozl. 9 no.1:129-133 1958.

1. A Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato Intezet Korelettani Osztalya.

(CHLORPROMAZINE, eff.

on hepatic blood flow & oxygen consumption in dogs (Hungary))

(LIVER, blood supply

eff. of chlorpromazine on hepatic blood flow & oxygen consumption in dogs (Hungary))

SZABO, G.
SOS, J.; CSALAY, L.; GATI, T.; KEMENY, T.; KERTAI, P.; NAGY, E.; PERENY, L.;
SZABO, G., Technikai Asszisztensek: SCHNELL, M.; JONA, M.

Antityrosine compounds. Kiserletes orvostud 9 no.5-6:570-574 Oct-Dec
58.

1. Budapesti Orvostudomanyi Egyetem Korelettani Intezete es Orszagos
Kozegeszsegugy Intezet.

(TYROSINE, antag.

eff. on Lactobacillus casei & rat organs (Hun))

(LACTOBACILLUS, eff. of drugs on
tyrosine antag. on Lactobacillus casei (Hun))

SZABO, György

BRAUN, Pal; FOLDI, Mihaly; KISFALUDY, Sandor; SZABO, György

Amino acid determination in lymph. Kiserletes orvostud. 10 no. 1:11-14
Feb 58.

1. Budapesti Orvostudományi Egyetem I. Belklinikaja.

(LYMPH

amino acid content in dogs (Hun))

(AMINO ACIDS, determ.

in lymph in dogs (Hun))

SZABO, Gy., SOLTI, F., Rev.; REFI, Z.; MEGYESI, K.

Effect of chlorpromazine on myocardial hypoxia. Magy. belorv. arch.
11 no.1:10-12 Feb 58.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajának (igazgató:
Rusznák István dr. egyetemi tanár) közleménye.

(HEART, eff of drugs on
chlorpromazine on exper. myocardial anoxia in human volun-
teers (Hun))

(CHLORPROMAZINE, eff.
on exper. myocardial anoxia in human volunteers (Hun))

SZABO, G.; SOLTI, F.; REV, J.; KARSAY, G.; FEHER, G.

The effect of anesthesia on antidiuresis and antialuresis resulting from the reduction in the effective circulating blood volume. Acta med. hung. 11 no.3:359-364 1958.

I. 1st Department of Medicine, University Medical School, and Central Institute for Nervous and Mental Diseases, Budapest.

(ANESTHESIA, eff.

on antidiuresis & antialuresis due to reduction of effective circulating blood volume in human volunteers)

(DIURESIS

antidiuresis & antialuresis due to reduction of effective circulating blood volume, eff. of anesth. in human volunteers)

(BLOOD VOLUME

reduction of effective circulating volume inducing antidiuresis & antialuresis, eff. of anesth. in human volunteers)

SZABO, Gyorgy, Dr.

Effects of chlorpromazine on blood circulation: data on the use of largactil in the therapy of internal diseases. Orv. hetil. 99 no.23: 761-769 8 June 58.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Belklinikajának (igazgató: Rusznyák István dr. egyet. tanár) közleménye.

(CHLORPROMAZINE, eff.

on blood circulation, relation to use in ther. of internal dis. (Hun))

(BLOOD CIRCULATION, eff. of drugs on chlorpromazine, relation to use in ther. of internal dis. (Hun))

SZABO, Gyorgy, Dr.; MAGYAR, Zsuzsa; KERTAI, Pal, Dr.; ZADORY, Erno, Dr.

Effect of total body x-irradiation on capillary permeability. Orv.
hetil. 99 no.45:1566-1568 9 Nov 58.

1. A MTA. Kiserletes Orvostudomanyi Kutato Intezet Korellettani Osztalyanak es a Budapesti Orvostudomanyi Egyetem I. sz. Belklinikjanak
(Igazgato: Rusznyak Istvan dr. egyet tanar) kozlemenye.

(CAPILLARY PERMEABILITY, eff. of radiations on
x-ray total body irradiation in dogs (Hun))

(ROENTGEN RAYS, eff.
on capillary permeability, total body irradiation in
dogs (Hun))

DERI, I. [Döry, I.]; GERI, I.; SABO, G. [Szabó, G.]; OPOTSKI, P. [Oposzky, P.]

Synthesis of progesterone from ergosterin. Med.prom. 13 no.10:14-20
O '59. (MIRA 13:2)

1. Zavod farmatsevticheskikh i khimicheskikh preparatov "Khinoin"
(Budapesht) i Institut organicheskoy khimii Tekhnicheskogo universi-
teta (Budapesht).

(ERGOSTEROL)

(PROGESTERONE)

EXCERPTA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

4988. ABSORPTION OF PROTEIN FROM THE TISSUES AFTER X-IRRADIATION

- Elweissresorption aus dem Gewebe nach Röntgenbestrahlung - Szabó G.,
Zádory E. and Zoltán O. T. Inst. für Exp. Med., Ungarische Akad.
der Wissenschaften (Abt. Pathol. Physiol.); I. Med. Univ.-Klin., Budapest -
Z.GES. EXP. MED. 1959, 131/2 (152-154) Graphs 1

The absorption of I^{131} -labelled dog-serum albumin injected in the hind paws of dogs
was studied before a 700 r. total body X-irradiation and 3 and 11 days after it. The
rate of appearance and disappearance of the labelled compound from the plasma was
measured for 52 hr. after the injection. No significant differences between irradiated
and non-irradiated animals were found.

Kelényi - Pécs (II, 14)

SZABO, Gyorgy, az orvostud.doktora; TOLDI, Mihaly, az orvostud.doktora;
MAGYAR, Zsuzsa

The effect of rutin on capillary permeability. Biol orv kozl MTA 11
no.4:419-424 '60. (EEAI 10:5)

1. Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaja es a Magyar
Tudomanyos Akademia Kiserletes Orvostudomanyi Intezet Korelettani
Osztalya.

(RUTIN)
(CAPILLARIES)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; NAGY, Z.;
WILTHNER, W.

Renal blood flow in arterial hypoxia. Acta med. hung. 16 no.1:
37-42 '60.

1. 3rd Department of Medicine (Director: P. Gomori), Institute of
Physiology (Director: P. Balint), and 1 st Department of medicine
(Director: I. Rusznyak), University Medical School, Budapest.
(ANOXIA exper)
(KIDNEYS blood supply)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; MAGY, Z.;
WILTMER, W.

The control of renal circulation in hypoxia. Acta med. hung. 16
no.1:43-60 '60..

1. 3rd Department of Medicine (Director: P.Gomori), Institute of
Physiology (Director: P.Balint), and 1 st Department of Medicine
(Director: I.Rusznyak), University Medical School, Budapest.
(ANOXIA exper)
(KIDNEYS blood supply)

GOMORI, P.; KOVACH, A.G.B.; TAKACS, L.; FOLDI, M.; SZABO, Gy.; NAGY, Z.;
WILTNER, W.; KALLAY, K.

The regulation of cardiac output in hypoxia. Acta med. hung. 16
no.1:93-98 '60.

1. 3rd Department of Medicine (Director: P.Gomori), Institute of
Physiology (Director: P.Balint), and 1 st Department of Medicine
(Director: I.Rusznyak), University Medical School, Budapest.
(ANOXIA exper)
(HEART physiol)

SZABO, G.; NGUYEN THI TRUC; LUONG TAN THANH

Contribution to the study of tropical chyluria (filarial). Acta
med.hung.16 no.4:343-361 '60.

1. Service de Medecine Interne de l'Hopital Bach-Mai, Hanoi, Vietnam.
(FILARIASIS urine)
(CHYLE urine)

SZABO, G.; MAGYAR, Susan

The effect of vasodilating drugs on capillary permeability. Acta
med. hung. 16 no.4:377-394 '60.

1. 1st Department of Medicine, University Medical School, Budapest.
(CAPILLARY PERMEABILITY pharmacol)
(VASODILATOR AGENTS pharmacol)

SZABO, G.; FOLDI, M.; MAGYAR, S.

On the effect of rutin on the capillary permeability. Acta med.
hung. 16 no. 4: 423-428 '60.

1. I. Medizinische Klinik der Medizinischen Universitat, Budapest
(Direktor: Prof.Dr. I.Rusznyak).
(CAPILLARY PERMEABILITY pharmacol)
(VITAMIN P pharmacol)

SZABO, Gyorgy; SOLTI, Ferenc; ACS, Gyorgy

Effect of lowered effective volume of circulating blood on electrocardiography in normal subjects and in patients with cardiac decompensation. Magy belorv. arch. 14 no.1:35-39 '61.

1. A Budapesti Orvostudomanyi Egyetem I szamu Belklinikajának kozleménye
(Igazgató: dr. Rusznyák István egy. tanár)

(BLOOD VOLUME) (ELECTROCARDIOGRAPHY)
(HEART DEFECTS CONGESTIVE)

SZABO, Gy.; SOLTI, F.; REV, J.; ISKUM, M.; HERMANN, R.

Effect of lowered effective volume of circulating blood on the minute volume in normal subjects and in patients with cardiac decompensation.
Magy belgyv. arch. 14 no.2:61-64 My '61.

1. A Budapesti Orvostudomanyi Egyesem I sz. Belklinikajanak kozlemenye
(Igazgato: dr. Rusznyak Istvan egy. tanar)

(BLOOD VOLUME) (HEART FAILURE CONGESTIVE)

SZABO, G.; SOLTI, F.; ACS, G.

The effect of decrease of circulating blood volume on the electrocardiogram in normal subjects and those with decompensated heart diseases. Acta med.hung. 17 no.1:91-98 '61.

1. I medizinische Klinik (Direktor: Prof. I.Rusznyak) der medizinischen Universität, Budapest.
(HEART FAILURE CONGESTIVE physiol.)
(ELECTROCARDIOGRAPHY physiol.) (BLOOD VOLUME physiol.)

GOMORI, P.; FOLDI, M.; SZABO, G.

Renal function in the case of renal arterio-venous shunt formation.
Acta med.hung. 17 no.1:99-104 '61.

1. Department of Medicine No.1, University Medical School, Budapest.
(KIDNEY blood supply) (ISCHEMIA experimental)

SZABO, G.; BUI THE KY; NGUYEN VAN VINH; VU THUY LAN

Clinical observations on nephritis in Vietnam. Acta med. hung. 17
no.2:163-174 '61.

1. Travail des services de medicine interne de l'hopital n° 108
et de l'hospital Bach-Mai de Hanoi (Viet-Nam) et de la 1-ere clinique
medicale de l'universitate de Budapest (Hongrie).
(NEPHRITIS statist.)

SZABO, György, dr.

Tropical chyluria in Vietnam. Orv. hetil. 102 no.17:794-796 23 Ap '61.

l. Bachmai Korhaz (Hanoi, Vietnam), Belgyegyzati Osztaly.

(CHYLE urine) (FILARIASIS urine)

SZABO, Gorgy, dr.; NGUYEN, Thi Truc, dr.; LUONG, Tan Thanh, dr.

Clinical examination of patients with chyluria due to filariasis.
Orv. hetil. 102 no.19:888-893 7 My '61.

1. Bachmai Korhaz (Hanoi, Vietnam) Belgyegyzaszati Osztalya.

(FILARIASIS urine) (CHYLE urine)

SZABÓ, György; MAGYAR, Zsuzsa; PAPP, Miklós

Correlation between capillary filtration and lymph circulation
in venous stagnation. Biol orv kozl MTA 13 no.1-2:145-151 '62.

1. Budapesti Orvostudományi Egyetem I. sz. Belklinikája.

SZABO, Gyorgy; SOLTI, Ferenc; PETER, Agnes; ISKUM, Miklos; REV, Judit;
FOLDESY, Klara

The effect of the decrease of the effective circulating blood
volume on the brain circulation and the resistance of the brain
vessels. Biol orv.kozl MTA 13 no.1-2:153-157 '62.

1. Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaja.

HUNGARY

SZABO, Gyorgy; and MAGYAR, Zsuzsa, of the National Traumatological Institute (Orszagos Traumatologai Intezet) and the Internal Medical Clinic No 1 of the Budapest College of Medicine.

"Role of the Lymphatic Vessels of the Liver After Experimental Tying of the Bile Ducts"

Budapest, A MTA Biologist es Orvosi Tudomanyok Osztalyanak Kozlemenyesi,
Vol 13, No 4, 1952: pp 351-388.

Abstract: [Authors' Hungarian summary modified] After the closure of the common bile ducts and the d. cysticus the amount of lymph carried from the liver increases and the bilirubin concentration of plasma and lymph rises, the latter at a faster rate. In the presence of a constant-rate infusion the bromosulphophthalein concentration of plasma rises after the closure of the bile ducts, and the dye concentration rises also in the lymph, but not at a faster rate than in the plasma. The authors come to the conclusion that after the tying of the bile ducts the process occurring is not a lymphatic regurgitation of bile but a resorption of the bile components filtered into the interstitium by the lymph-capillaries. [18 references, predominantly Western].

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SZABO, Gyorgy; SANDOR, Zsigmond; KASI, Gyula

Comparative studies on Mantoux test with lyophilized purified tuberculin and Toenissen's Tebeprotin. Szemeszet 99 no.1:34-38 Mr '62.

1. Makoi Varosi Tanacs Korhaza (Igazgato-foorvos: Toth J. Janos) Szemosztalyanak (Foorvos: Szabo Gyorgy) es Tudoosztalyanak (Foorvos: Sandor Zsigmond) kozlemenye.

(TUBERCULIN REACTION)

HUNGARY

SATORI, Odon, Dr., SZABO, Gyorgy, Dr.; State Institute for Traumatology (Orszagos Traumatologial Intezet).

"The Effect of Dexamethason in Experimental Shock."

Budapest, Orvosi Hetilap, Vol 103, No 48, 2 Dec 62, pages 2263-2269.

Abstract: [Authors' summary modified] The authors report on dexamethason, a corticosteroid, used by them successfully in experimental ischemic shock. While all untreated dogs succumbed, 67 percent of the treated ones survived. According to these results, clinical use of glucocorticoids for the prevention of traumatic shock is warranted. The mechanism of protection is unclear since the fluid and protein loss due to the injury was not influenced by the treatment. The fall of blood pressure in two thirds of the treated animals did not go beyond 35 mm Hg and these survived the trauma. The corticoid possibly increases sensitivity toward the endogen pressor amine and prevents circulatory collapse.

[All Western references]

HUNGARY

SZABO, G., MAGYAR, Z., and KRASZNAI, I., of the National Traumatological Institute (Orszagos Traumatologial Intezet), and the Internal Medical Clinic No 1 (I. szamu Belgyogyaszati Klinika) of the Budapest Medical University.

"Relationship of the Protein- and Electrolyte Content of Renal Lymph with the Composition of Kidney Parenchyma and Urine"

Budapest, A MTA Biologial es Orvosi Tudomanyok Osztalyanak Kozlemenyei, Vol 14, No 1, 1963; pp 65-77.

Abstract: On the basis of the author's own investigations, the article deals with the following topics: (1) The electrolyte content of renal lymph. (2) The protein-content of renal lymph. (3) The water- and electrolyte content of kidney tissue. (4) The protein content of kidney tissue. The Na content of the lymph is significantly lower than that of blood plasma. No significant deviation was found in the K content.

The water content of the cortex is higher than of the medulla. The osmotic pressure of the interstitial liquid of the kidney hardly differs from that of blood plasma. The cortical lymph contains significantly more protein than the hilus lymph. [34 references, mainly Western].

HUNGARY

SZABO, Gyorgy, MAGYAR, Zsuzsa; National Traumatological Institute (director: SZANTO, Gyorgy, Dr) and Medical University of Budapest, I. Medical Clinic (director: RUSZNYAK, Istvan, Dr) (Orszagos Traumatologial Intezet es a Budapesti Orvostudomanyi Egyetem I. sz. Belgyogyaszati Klinika).

"The Effect of Noradrenalin on the Blood Supply and Work of the Heart During Ischemic Shock."

Budapest, Magyar Sebeszet, Vol XVI, No 4, Aug 1963, pages 247-252.

Abstract: [Authors' Hungarian summary] In dogs, the minute volume decreased essentially in proportion with the blood pressure, during ischemic shock. The coronary flow has decreased as well, although to a somewhat smaller extent. The supply of the coronaries has not been altered significantly. On the administration of noradrenalin, the arterial pressure became normal, the minute volume, however, did not increase appreciably. The increase in pressure was due to an increase of the peripheral resistance. The supply of the coronaries decreased rather than the opposite. In accordance with this, the coronary flow was raised above that of the control values and the coronary fraction of the minute volume has shown a large increase. 37 Western, 4 Hungarian references.

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HUNGARY

SZABO Gyorgy, Dr. National Traumatological Institute (director: SZANTO, Gyorgy, Dr) (Orszagos Traumatologial Intezet).
APPROVED FOR RELEASE 08/31/2001 CIA-RDP86-00513R001654330002-7"

"The Effect of Noradrenalin on the Cerebral Circulation and on Metabolism, During Ischemic Shock."

Budapest, Magyar Sebeszet, Vol.XVI, No 4, Aug 1963, pages 253-258.

Abstract: [Author's Hungarian summary] During experimental ischemic shock in dogs, the normalization of blood pressure with l-noradrenalin has no influence on the survival of the animals. The cerebral blood flow and O₂-consumption increase with the increase of the blood pressure. Noradrenalin, however, increases the vascular resistance in the brain. Therefore, no linear correlation exists between the increase of the blood pressure and of the flow. 28 Western, 6 Hungarian references.

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25

SZABO, Gy.; MAGYAR, Zsuzsa; PAPP, M.

Correlation between capillary filtration and lymph flow in venous
congestion. Acta med. acad. sci. hung. 19 no.2:185-191 '63.

1. First Department of Medicine, University Medical School, Budapest.
(LYMPH) (EXTREMITIES) (VEINS) (CAPILLARIES)
(PHYSIOLOGY)

HUNGARY

SZABO, Gyorgy, Dr., MAGYAR, Zsuzsa; National Traumatological Institute and Medical University of Budapest, I. Medical Clinic (Orszagos Traumatologiai Intezet es Budapesti Orvostudomanyi Egyetem, I. Belklinika).

"The Effect of Experimental Blocking of the Extrahepatic Bile Ducts on Liver Circulation."

Budapest, Orvosi Hetilap, Vol 104, No 23, 9 June 63, pages 1070-1074.

Abstract: [Authors' Hungarian summary] One to two hours after experimental blocking of the extrahepatic bile ducts on dogs, the blood volume circulating through the liver was decreased greatly. The phenomenon is explained by the increase of intrahepatic pressure as a result of biliary stasis. This explanation is supported by the observation that after blocking the bile ducts, the pressure in the portal vein increases significantly. The BSP excretion of the liver did not diminish during the three hour long experimental procedure. 15 Western, 2 Hungarian references.

1/1

SZABÓ, Gyorgy, dr.

Transistorized manual fusiometer. Orv. hetil. 106 no.23:1085-
1086 6 Je '65

1. Budapesti Orvostudományi Egyetem, Szemeszeti Klinika
(igazgató: Radnóti, Magda, dr.).

HUNGARY

SZABO, Gyorgy, SATORI, Odon, GRANDTNER, Gabor; National Institute of Traumatology (Orszagos Traumatologiai Intezet), Budapest.

"The Mechanism of Action of Adrenal Steroids in the Prevention and Therapy of Shock. The Effect of Prednisolone in Noradrenalin and Adrenalin Shock."

Budapest, Kiserletes Orvostudomany, Vol XIX, No 1, Jan 67, pages 86-89.

Abstract: [Authors' Hungarian summary] In the irreversible shock produced by noradrenalin infusion in dogs, 0.5 mg/kg phenoxybenzamine has a definitely protective effect. Half of the animals survive the shock. Large doses of prednisolone have neither a therapeutic nor a protective effect on noradrenalin or adrenalin shock; they rather decrease the survival rate of the animals by about half and they also increase the pressor and hemoconcentration-increasing effect of noradrenalin. It appears unlikely that the protective or therapeutic effect of corticosteroids, as reported, on shock would be based on the blockage of the adrenergic endapparatus. 3 Hungarian, 4 Western references. [Manuscript received 5 Mar 66.]

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BARTOS, Gyula, okleveles gépészmérnök; JANCSO, Tibor; JAROSI, Marton; CSERNAVOLGYI, Laszlo; GRAF, Laszlo, dr.; MOTICSKA, Felician; SEIBERT, Istvan; ZAVODSZKY, Ferenc; EHMAN, Jozsef; ELSZASZ, Rezso; SZABO, Gyula; BANASS, Jozsef; NOSZTRAI, Konrad; PETER, Istvan; BARDOSSY, Dezso; SARVARY, Elemer; VALY, Ferenc, dr.; DOBOS, Imre; KOVACS, Sandor; MAJOROS, Sandor

Designing questions of city gas distributing networks. Energia
es atom. 13 no.1:33-47 Ja '65.

1. Civil Engineering Designing Office, Budapest (for Bartos).
2. National Power Economy Authority, Budapest (for Majoros).

ROZSOS, Istvan, dr.; SZABO, Gyula, dr.

Appendiceal carcinoid and multiple diverticuli of the veriform process. Orv. hetil. 106 no.39:1857-1858 26 S '65.

l. Kaposvari Korhaz, I. Sebeszeti Osztaly (foorvos: Szabo, Bela, dr.) es Korbonctani-Korszovettani Osztaly (foorvos: Prievara, Janos, dr.).

HUNGARY

HORVATH, Miklos, Dr, veterinary specialist; Artificial Insemination Main Station (director: SZABO, Gyula, Dr, chief veterinary) (Mesterseges Termekenyito Foallomas), Magyarkeresztur.

"Data on the Reproductive Ability of Cows with High Milk Production."

Budapest, Magyar Allatorvosok Lapja, Vol 21, No 7, Jul 66, pages 307-309.

Abstract: (Author's English summary modified] The reproductive data of a highly productive dairy farm was studied. It was found that, in spite of the high milk yield (4809-5759 kg/year/cow) by the 300 cows over several years' duration, the average yearly calving ratio was 85 per cent, an acceptable figure. In daily milk yield between the first and last calving and the average time interval between two calvings there was an $r=+0.23$ correlation and a regression of 4.51 day/ 1 kg milk. Although the correlation was low, it indicates that by increasing the milk production an extension of the calving interval must be reckoned with. The calving interval of 10 cows with record milk production was 18.5 days longer than the average of the stock. From the breeding aspect, record-producing cows which are breeding regularly should be preferred. In highly productive cows, reliable reproduction can only be achieved by correct management, feeding and veterinary measures. Such farms can not be without a veterinarian familiar with the problems of reproduction. 5 Eastern European, 1 Western references.

1/1

- 99 -

LUDANY, G.; GATI, T.; SZABO, H.

Further studies on the effect of reserpine on the movements of intestinal villi. Acta physiol. hung. 14 no.4:399-402 1958.

1. Pathophysiologisches institut der Medizinischen Universitat, Budapest.
(RESERPINE, eff.
on movements of intestinal villi in dogs (Ger))
(INTESTINES, eff. of drugs on
reserpine on movements of intestinal villi in dogs (Ger))

SZABO, Istvan

The new five-year plan of the Hungarian chemical industry.
Term tud kozl 4 no. 5: 193-196 My '60.

1. Manager, Budapest.

SZABO, I.

Food and feeding of the spotted salamander (*Salamandra salamandra* L.). Acta zool Hung 8 no.3/4:459-477 '62.

I. Zoologische Abteilung des Ungarischen Naturwissenschaften Museums, Budapest. Direktor: Dr. Z. Kaszab.

TOTH, K.; SZABO, I.

Relations between dental caries and the nervous system. Acta
med.hung. 17 no.1:63-76 '61.

1. Klinik fur Zahn-und Kieferkrankheiten (Direktor: Prof. D.Hattyasy)
der medizinischen Universitat, Szeged.
(DENTAL CARIES etiol.) (NERVOUS SYSTEM physiol.)

SZABO, I.

Geologic data on the informantion on bentonite occurrences at Nagyteteny. p. 325

A MAGYAR ALLAMI FOLDTANI INTEZET EVI JELENTESE. Budapest, Hungary, 1955/56 (Published 1959)

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
Uncl.

SZABO, J.

FRANK, K.; SZABO, I.

The practical evaluation of bacteria-viability determination in infants
and children. Orv.hetil. 91 no.21:663-665 21 My '50. (GIML 19:3)

J. Pediatric Clinic (Director -- Dr. Odon Kerpel-Fronius) and Public
Hygiene Institute (Director -- Dr. Karoly Hauss) Pecs University, Pecs.

TANOS, B.; PETRI, G. prof.; CZIPOFF, Z.; ABRANDY, E.; BOROS, M.; Techn.
assistance: SZABO I., VOROS, J.

Haemodynamic and metabolic response of dogs to the simultaneous
occlusion of the carotid and vertebral arteries. Acta chir. acad.
sci. Hung. 6 no.2:187-199 '65.

1. First Department of Surgery (Director: Prof. G. Petri), University
Medical School, Szeged.

SZABO, Illes

Physiological analysis of the effect of new urea products on
sheep with rumen fistula. Allattenyesztes 13 no.2:177-187
Je '64.

1. Division of Animal Physiology and Feeding, Research Institute
of Animal Breeding, Budapest.

CSEH, G.; SZABO, Ilona

Studies on the mechanism of properdin-zymosan reaction. Part 1.
The role of polysaccharide structure in combination with properdin.
Acta microb. hung. 8 no.2:181-187 '61.

1. Research Institute of Pharmaceutical Industry, Budapest.
(PROPERDIN chemistry) (POLYSACCHARIDES chemistry)

HUNGARY

CSEH, Gyorgy; SZABO, Ilona; Department of Biochemistry (Biokemiai Osztaly) of the Pharmaceutical Industrial Research Institute (Gyogyszeripari Kutato Intezet), Budapest.

"Study of the Test of the Heparin, Berlin Test with Various Sera."

Budapest, Kisérletes Orvostudomány, Vol 13, No 1, Feb 63, pp 83-87.

Abstract: [Authors' Hungarian summary] The reaction of cetyltrimethylammonium bromide (Cetavlon) was studied with various sera. The amount of precipitate formed with Cetavlon is largest between pH 5 and 6, but its precipitation function of ionic strength and the concentration on surface. An O.I. curve based on the latter shows three maxima and the relative amounts. The curve based on the former shows three maxima and the relative amounts of holopeptides, carboxylate and sialic acid differ in these precipitates. It is concluded that the serum glyco- and mucoproteins are bound by Cetavlon and the reaction occurs mostly with the carboxyl groups of the acidic acid present in the precipitate. Under certain circumstances, the test may have diagnostic potentials. Of 11 references, two are to their European, the rest is Western.

2,1

SZABO, Ilona, CSEH, Gyorgy; Research Institute of the Pharmaceutical Industry, Biochemical Department (Gyogyszeripari Kutato Intezet, Biokemiai Osztaly), Budapest.

"Determination of the Properties and Activity of Lipoprotein Lipase (Clearing Factor) in Human and Animal Sera."

Budapest, Kisérletes Orvostudomány, Vol XIV, No 4, Aug 1963, pages 417-422.

Abstract: [Authors' German summary] The properties of the clearing factor present, without previous heparin treatment, in the serum of various species has been investigated. Investigations of substrate specificity, pH and temperature dependence, albumin requirement as well as enzyme stability have shown that the enzyme activity present in the serum exhibits, with the exception of stability, the same properties as the lipoprotein lipase present in the serum after heparin administration. Because of the lability of the enzyme, full activity of the "endogenous" lipoprotein lipase can be measured only for a very short time after the blood is drawn. This lability taken into account, a method has been developed for the measurement of endogenous lipoprotein lipase activity and comparative studies have been conducted with various species. 1 Hungarian, 18 Western references.

SZABO, Ilona

Audio-frequency generators. Hir techn 15 no.9:271-279 S '64.

l. Belciannisz Telecommunication Engineering Factory, Budapest.

SOS, J.; GATI, T.; KEMENY, T.; RIGO, J. Technical assistance: SCHNELL,
Maria; JONA, Margit; SZABO, Ilona

Infarctoid cardiac lesions induced by dietetic factors in the
dog. Acta med. acad. sci. Hung. 20 no.1:1-3 '6

Infarctoid cardial lesions induced by dietetic factors in the
cock. Ibid.: 9-15

1. Institute of Pathophysiology (Director: J.Sos), University
Medical School, Budapest.

L 1980-66

ACCESSION NR: AT5024288

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+4.55

23

AUTHOR: Cseh, G.; Szabo, Ilona K.

4M 53

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BH

TITLE: Significance of the chemical structure of polysaccharides in the activation
of lipoprotein lipase

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 25, no. 2, 1964,
117-124

TOPIC TAGS: biochemistry, polysaccharide, enzyme, protein

ABSTRACT: English article, authors' English summary modified. The effect
of various polysaccharides on lipoprotein lipase activity has been investigat-
ed using heart acetone powder or an ammonia extract of it as enzyme source.
Heparin, heparitin sulfate, chondroitin sulfate, pectin, irulin, mannan, gum
arabic, agar, dextran, glycogen and starch were studied. In doses between
1-15 microgram, all polysaccharides but dextran, glycogen and starch were
able to activate the latent enzyme in heart muscle powder. The degree of this
activation depended on the concentration and chemical characteristics of the

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ACCESSION NR: AT5024288

polysaccharide used with both types of enzyme source. Protamine inhibited completely the effect of acid polysaccharides on acetone powder but failed to influence the effect of neutral polysaccharides. Both heparin and inulin were able to counteract the protamine-induced inhibition of enzyme activity in the ammonia extract, heparin being effective in much smaller doses than inulin. In contrast, the inhibition by protamine on the acetone powder enzyme was reversed by much greater amounts of heparin only. The results suggested that lipoprotein lipase activity is connected with those types of polysaccharides which contain O-sulfate, N-sulfate or -COOH groups as structural elements. In the absence of such structural elements, glycoside bonds of the 1-2 or 1-3 types can also be involved in the action. Conclusions have been drawn concerning the mechanism of action of the carbohydrate co-factor of lipoprotein lipase. Orig. art. has: 4 graphs, 1 table.

Card 2/3

L 1980-66

ACCESSION NR: AT5024288

ASSOCIATION: Research Institute for Pharmaceutical Industry, Budapest
4455 3

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF Sov: 000

OTHER: 025

JPRS

Card 3/3 DP

L 30123-66

ACC NR: AT6020335

SOURCE CODE: HU/2505/65/028/004/0309/0317
31
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AUTHOR: Szabo, Ilona K.; Bagdy, Daniel; Cseh, Gyorgy

ORG: Department of Biochemistry, Research Institute for Pharmaceutical Chemistry,
Budapest (Gyogyszerkutato Intezet Biokemiai Osztalya)TITLE: Studies on the correlation between lipoprotein lipase activity and clotting
of blood plasmaSOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 28, no. 4, 1965,
309-317

TOPIC TAGS: blood plasma, enzyme, protein, biochemistry, animal physiology

ABSTRACT: The lipoprotein lipase activity of human plasma was investigated in connection with the clotting system. In citrated plasma the onset of coagulation leads to appearance of lipoprotein lipase activity, regardless of whether clotting is caused by recalcification, addition of thromboplastin or thrombin. When thromboplastin is added, lipoprotein lipase activity appears in the citrated plasma, in contrast to hirudinized plasma. Enzyme activity decreases with increasing thromboplastin concentration. By contrast, thrombin causes an increase of lipoprotein lipase activity both in citrated plasma and at a certain thrombin:hirudin ratio in hirudinized plasma samples. In isolated fibrinogen-thrombin systems a factor appeared which, when added to plasma, brought about an increase of lipoprotein lipase activity without coagulation. Orig. art. has: 2 figures and 4 tables.

[Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 04Mar65 / ORIG REF: 001 / OTH REF: 018 / SOV REF: 001

Card 1/1 ULR

SZABO, Imre, akademikus, egy.tanar (Budapest)

Some remarks about the 11th General Conference of UNESCO. Magy tud
68 no.5:295-300 My '61.
(EEAI 10:9/10)

l. Intezeti igazgato, Magyar Tudomanyos Akademia Allam- es Joggudo-
manyi Intezete, Budapest.

(United Nations Educational, Scientific and Cultural
Organization)

SZABO, Imre

Pressure regulation questions of liquid transportation carried out
in pipelines.Pt.2. Meres automat 11 no.10:321-324 '63.

1. Mechanikai Meromuszerek Gyara Rendszerteknikai Osztalya vezetoje.

SZABO, Imre, akademikus

Conference of the representatives of the academies of sciences
of the socialist countries. Magy tud 69 no.6/7:434-436 Je-Jl
'62.

1. Magyar Tudomanyos Akademia fotitkarhelyettese.

SZABO, Imre, akademikus

State of social sciences and the Hungarian long-range
scientific research plan. Magy tud 70 no.8:503-513
Ag '63.

1. Magyar Tudomanyos Akademia Allam- es Jogtudomanyi
Intezete igazgatoja, Budapest; "Magyar Tudomany" szerkeszto
bizottsagi tagja.

SZABO, Imre; VAGACS, Geza

Point condensation by aerial triangulation for making 1:10,000 scale maps. Geod kart 14 no.4:265-274 '62.

1. Fotogrammeter, Kartografial Vallalat (for Szabo). 2. Mernok, Kartografial Vallalat (for Vagacs).

HUNGARY

SZABO, Imre; KELLENyi, Lorand; KARMOS, Gyorgy; Medical University of
Pecs, Physiological Institute (Pecsi Orvostudomanyi Egyetem Biellani
Intezete)

"A Motion Registering Apparatus Suitable for Testing of the Startle
Reaction."

Magyarorszagi Diszertates Orvostudomany, Vol XIV, No 6, 1962, pages 600-603.

[Authors' summary] A motion registering apparatus is described which can be connected with a biological amplifier. Its mechanism is based on the magnetic induction of electric current. It can be used on freely moving, intact experimental animals and man especially for the registering of phasic motion. Its sensitivity can be adjusted to register motions which are not or hardly recognizable by the eye, or greater ones. The apparatus is suitable for animal research and clinical examinations of the startle reaction.

[All of the references are Western.]

1/1

Szabo, Imre J.

Hungary/Chemical Technology. Chemical Products and Their Application -- Food Industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6764

Author: Szabo, Imre J.

Institution: None

Title: Possible Use of Synthetic Food Dyestuffs

Original Publication: Elelm. ipar, 1955, 9, No 1, 14-19

Abstract: A discussion of the carcinogenic properties of some synthetic dyes due to their chemical structure, in particular of aminated aromatic hydrocarbons. It is pointed out that synthetic dyestuffs should be allowed for use after extensive tests on animals.

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SZABO, Imre (Szeged, Lenin krt. 69); TOTH, Karoly (Szeged, Lenin krt. 69)

Effect of constant life conditions on the buffer capacity of saliva.
Acta physiol Hung 20 no.2:93-102 '61.

1. Szegedi Orvostudomanyi Egyetem Fog- es Szajbeteg Klinikaja.

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S/262/62/000/018/001/007
1007/I207

AUTHORS: Kiss, I., Kosa-Somogyi, I., and Szabo, Inna.

TITLE: Organic moderators

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypush.42.Silovyye ustavovki,no.18,1962,
15, abstract. 42.18.62 (Kernenergie, no.12, 1961,905-912 [German])

TEXT: The properties are described of organic substances and their mixtures for use as moderators and coolants in nuclear reactors. Compared with water, organic compounds have many advantages: high boiling, noncorrosiveness, reduced reactivity, reduced cross section for neutron absorption, and a high moderating capacity. Their main disadvantage is their tendency to decompose under the action of radiations. The resistance of polyphenyls can be increased by the addition of inhibitors. The paper brings a table of the nuclear-physical properties of diphenyl, isopropyldiphenyl, santonax, diphenyldowtherm, as well as the results of some investigations of these substances. Analysis is made of methods for reducing the radiolysis of polyphenyls by the addition of inhibitors, and of the mechanism of this process. Soviet and U.S. investigations show that in certain inhibitors the action range of the molecule may

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